

## FIG 3A

T 1 MAISISAMSFGTSVSSYSCFRARSFEKSSVLCNSQNPCRFNSVFP. IRKSDGASRCVSR  
 P 1 MAISISAMSFRTSVSS.....SY..SAFLCNSKNPFCLNSLFS.LRNNSHRTFQPSLSR  
 A 1 MA.AISGISSGTLTIS.....RPLVTLRRSRAAVSYSSSHRLLHHPLSSRLLL  
 consensus

1 MA	ISamS	T	S	L	S	S	1r	1 R
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T 60 KSCRVRATLLQENEVEVVEKSFAPKSFPDNVGGGSNGKPPDDSSS.NGLEKWWVIKLEQS  
 P 51 KSSRVATLLKENEEEVVVEKSFAPKSFPGNVGGNNGEPPDNSSS.NGLEKWWVIKIEQS  
 A 51 NNHRVQATILQDDEEVVVEESFKAETSTGTEPLEEPNMSSSTS AFETWIICKLEQG  
 consensus

61	RV	ATIL	e	EE	VVVE	SF	G	P	SSS	g	E	WvIKiEQ
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T 119 VNILLTDSVIKILDLYHNRNYARFFVLETIARVPYFAFISVLHMYESFGWWRRADYMKV  
 P 110 VNIFLTDSVIKILDLYHDRHYARFFVLETIARVPYFAFISVLHLYESFGWWRRADYLKV  
 A 108 VNVFLTDSVIKILDLYRDRTYARFFVLETIARVPYFAFMSVLHMYETFGWWRRADYLKV  
 consensus

121 VNI LTD SVIKILDLYh R YARFFVLETIARVPYFAFISVLH1YEsFGWWRRADY1KV

T 179 HFAESWNEMHLLIMEELGGNAWWFDRFLAQHIAIFYYFMTVLMYALSPRMAYHFSECVE  
 P 170 HFAESWNEMHLLIMEELGGNAWWFDRFLAQHIAVFYYFMTVSMYALSPRMAYHFSECVE  
 A 168 HFAESWNEMHLLIMEELGGNSWFDRFLAQHIATFYYFMTVFLYILSPRMAYHFSECVE  
 Consensus

181 HFAESWNEMHLLIMEELGGN WWFDRFLAQHIA FYYFMTV mY LSPRMAYHFSECVE

T 239 SHAYETYDKFIKDQGEELKNLPAPKIAVDYYTGGDLYLFDEFQTSREPNTRRPKIDNLYD  
 P 230 HHAYETYDKFIKDQEAELKKLPAPKIAVSYYTGGDLYLFDEFQTSREPNTRRPKIDNLYD  
 A 221 SHAYETYDKFLKASGEELKNMPAPDIAVKYYTGGDLYLFDEFQTSRTPNTRRPVIENLYD  
 Consensus

241 HAYETYDKFIK ELK 1PAP IAV YYTGGDLYLFDEFQTSR PNTRRP IdNLYD

T 299 VFMNIRDDEAEHCKTMKACQTHGSLRSPHTD.PCDDSEDDTGCSPV.QADCIGIVDCIKK  
 P 290 VFMNIRDDEAEHCKTMKACQTHGSLRSPHTN.PCDESEDDPGCSPV.QADCVGIVDCITK  
 A 287 VFVNIRDDEAEHCKTMRACQTLGSLRSPHSILDDDDTEEESGCVVPEEAHCEGIVDCLKK  
 Consensus

301 VFmNIRDDEAEHCKTMkACQT GSLRSPHt DdsEdd GC VP A C GIVDCi K

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B  
FIG 3 (suite)  
A

T 357 SVTDTQVTKR

P 348 SVADPNVGRR

348

A 347 SITS.....

Consensus

361 Sv